

U = the set of whole numbers less than 7, with subsets A, B, C, D, and E, defined as:

A = the first five numbers

D = the set of odd prime numbers

B = the last five numbers

E = the set of nonpositive numbers

C = the set of even prime numbers

List the elements of the following sets.

1. $U =$

2. $A =$

3. $B =$

4. $C =$

5. $D =$

6. $E =$

7. $A \cup B =$

8. $A \cap B =$

9. $A - B =$

10. $B - A =$

11. $C \cup D =$

12. $C \cap D =$

13. $A \cup E =$

14. $A \cap E =$

15. $C \cup E =$

16. $(A \cup B)' =$

17. $(A \cap B)' =$

18. $(A \cup B) \cap C =$

19. $(A \cap B) \cup D' =$

20. $U' =$